Government of Saskatchewan

Annual Report 1983-84

Saskatchewan Health

Dental Plan

Tenth Year of Operation

September 1, 1983 to

August 31, 1984

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Graham Taylor
Minister of Health

Saskatchewan Health

To the Honourable F. W. Johnson
Lieutenant Governor of Saskatchewan

May It Please Your Honour:

I am pleased to present the Report of the Dental Plan for the year ending August 31, 1984.

Respectfully submitted,

Graham Taylor,
Minister of Health.

Walter Podiluk
Deputy Minister
of Health

Saskatchewan Health

To the Honourable Graham Taylor
Minister of Health

Sir:

I have the honour to present herewith for your consideration the Report of the Dental Plan for the year ending August 31, 1984.

Respectfully submitted,

Walter Podiluk,
Deputy Minister.

G. H. Loewen
Associate Deputy
Minister of Health

M. H. Lewis, D.D.S.
Executive Director
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Background

In 1968, the Saskatchewan Department of Health conducted surveys in Regina and Saskatoon which showed that the level of dental health of children in these cities was far from satisfactory. On the basis of the survey results, the Dental Division of the Department of Health proposed that the federal government allocate funds for a dental pilot project in the province. The project was to provide dental health education, preventive services and treatment services to children through a dental team consisting of a dentist, two dental therapists (formerly called dental nurses), three dental assistants and one receptionist recorder.

The dental therapists were formally trained to provide educational, preventive and treatment services to children, including deciduous (baby) tooth extractions and amalgam and composite restorations (silver and tooth-colored fillings) in deciduous and permanent teeth. The three dental assistants were formally trained to provide chairside assistance, simple prophylaxis (cleaning) and topical fluoride.

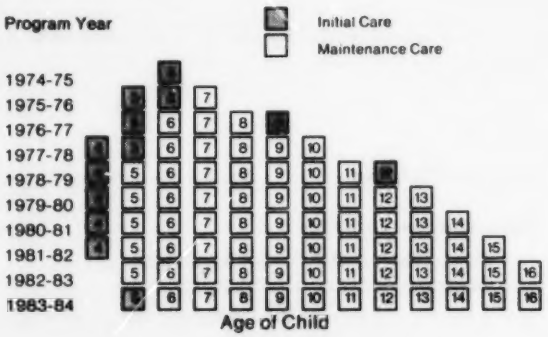
Services were made available to children from 3 to 12 years of age in the Oxbow area of Southeastern Saskatchewan. The dental team was housed in a mobile clinic equipped with four dental units, an X-ray machine, a laboratory and a reception room. The project lasted for three years. It demonstrated that high quality care could be provided by such a program and also that parents were prepared to enroll their children in a dental program in which care was provided by dental therapists. It was important to establish that a dental program making use of dental therapists could be successful because one of the main reasons for testing such a program was the chronic shortage of dentists in the province, especially in the rural areas.

On the basis of the successful Oxbow project, the Government of Saskatchewan announced in March 1972 that a province-wide, school-based dental program would be established to provide comprehensive dental care to children between the ages of three and twelve. The program commenced in September 1974. With the cooperation of the Department of Education and local school boards, dental clinics have been located in schools to make access more convenient for children and parents.

Children have been enrolled as follows:

Enrollment Date	Year of Birth
September 1974	1968
September 1975	1969, 1970
September 1976	1967, 1971
September 1977	1972
February 1978	1973
September 1978	1966, 1974
September 1979	1975
September 1980	1976
September 1981	1977
September 1983	1978

Phase in Schedule



In April 1980 the Department of Health decided that an independent review of the Saskatchewan Dental Plan should be undertaken. Arrangements were made for Dr. D. W. Lewis, Professor and Head of Community Dentistry, University of Toronto, to conduct a thorough statistical evaluation of the first six years of operation of the Saskatchewan Dental Plan.

The report indicated that although the ultimate test of the Saskatchewan Dental Plan will be how it improves the oral health status of the people of Saskatchewan in the long run, the performance to date gives early indications of the likely achievement of this long term goal.

Health Region No. 1 in Swift Current had a Dental Program for almost 30 years. The program had been modified to avoid duplication of the Saskatchewan Dental Plan. The Swift Current Regional Health Board provided services to those resident children and adolescents up to and including 18 years of age who were either too young or too old for enrollment in the Saskatchewan Dental Plan.

With only four age groups remaining it was not economical for this program to continue. Negotiations to absorb the Swift Current Health Region Dental Program were completed in 1981 and resulted in young people who were Swift Current Health Region residents and born in the years 1963 to 1965 and 1978 becoming eligible for enrollment in the Saskatchewan Dental Plan.

On April 1, 1982 the Saskatchewan Dental Plan assumed responsibility on behalf of the Medical Services Division, for the administration of Supplementary Health Benefits Dental Program.

Organization and Administration

Legislative and Regulatory Authority

The Dental Care Act gives the Department of Health authority to operate a dental care program. The act authorizes the Minister to enter into agreements with or to employ dentists, dental therapists and certified dental assistants and do such other things as are necessary for the establishment and operation of the dental care program.

The Saskatchewan Dental Nurses Act, (1973) created a Saskatchewan Dental Nurses Board to establish and maintain rules for the registration and licensing of dental nurses, to set standards of professional conduct for dental nurses, to advise the Minister of Health on matters referred to the Board and to ensure the regulations and standards of professional conduct were met by all registrants. The first Board was appointed on September 25, 1973.

The Saskatchewan Dental Nurses Act was rescinded and was replaced by **The Dental Therapists Act** in 1981. This Act established The Saskatchewan Dental Therapists Association, changed the name "dental nurse" to "dental therapist" and replaced the Saskatchewan Dental Nurses Board with the Saskatchewan Dental Therapists Council.

The Saskatchewan Dental Therapists Council establishes and maintains rules governing the registration and licensing of dental therapists and sets standards of professional conduct. The Council also ensures that the regulations and standards of professional conduct are met by all registered dental therapists.

Administrative Structure

The administrative organization is outlined in the organizational chart on page 6. The Saskatchewan Dental Plan is administered through a central headquarters staff, administrative staff, warehouse and stores personnel. The province is divided into six administrative regions. Regional headquarters are located in Swift Current, Regina, Saskatoon, Yorkton, Prince Albert and North Battleford.[1]

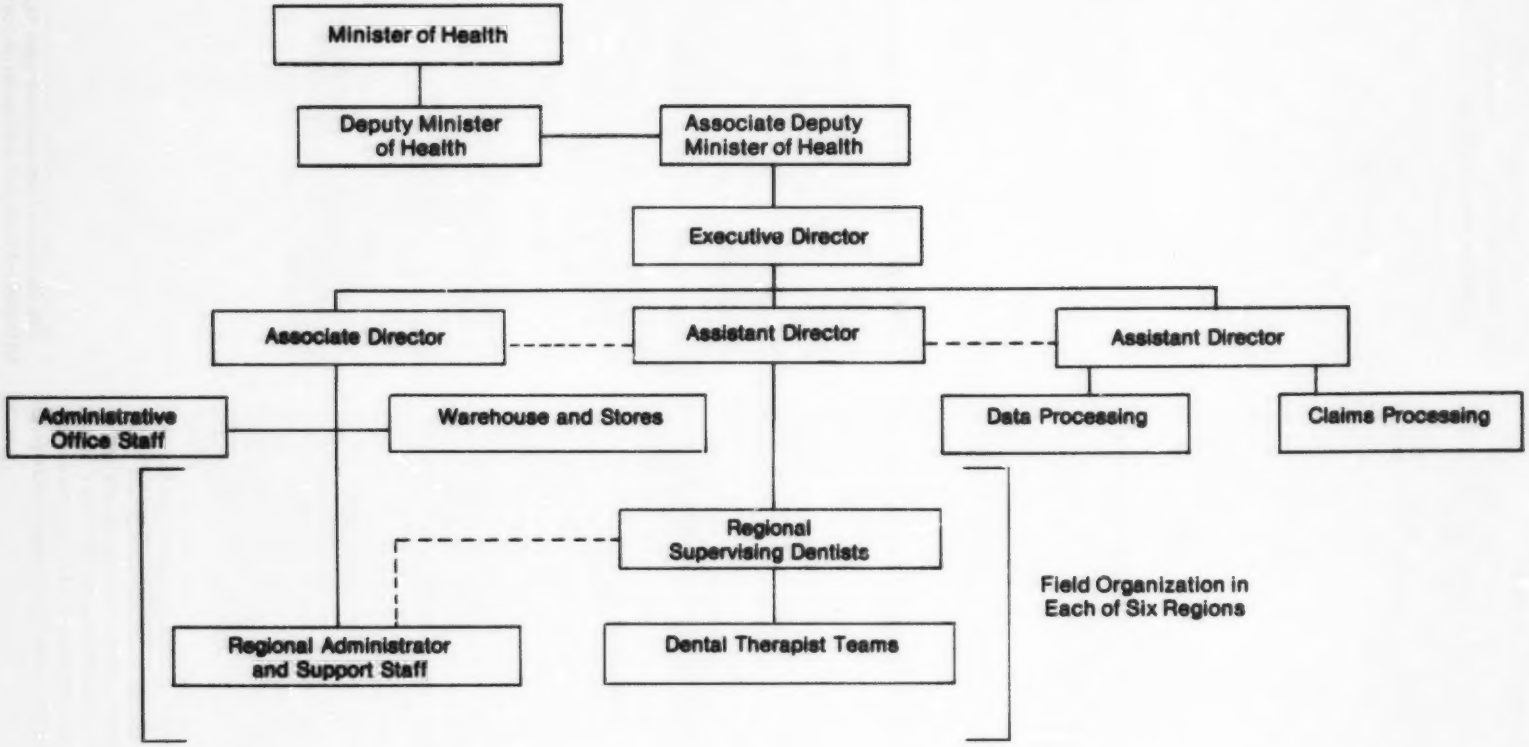
On September 1, 1983 the Humboldt and Wakaw Rural School Units were transferred from the Prince Albert Dental Region into the Saskatoon Dental Region. This change in caseload resulted in a more efficient operation of the Dental Plan in this area.

The Saskatchewan Dental Plan does not provide coverage to children and adolescents in the northern part of the province. The Northern Health Services Branch operates its own dental plan for children and adolescents. However, the Saskatchewan Dental Plan provides Northern Health Services Branch with consultation, dental equipment technician services and supplies from the Dental Plan Central Warehouse.

[1] The six Dental Plan Administrative Regions and headquarter locations are shown on the map on page 7.

Dental Plan Administrative Organization

Figure 1

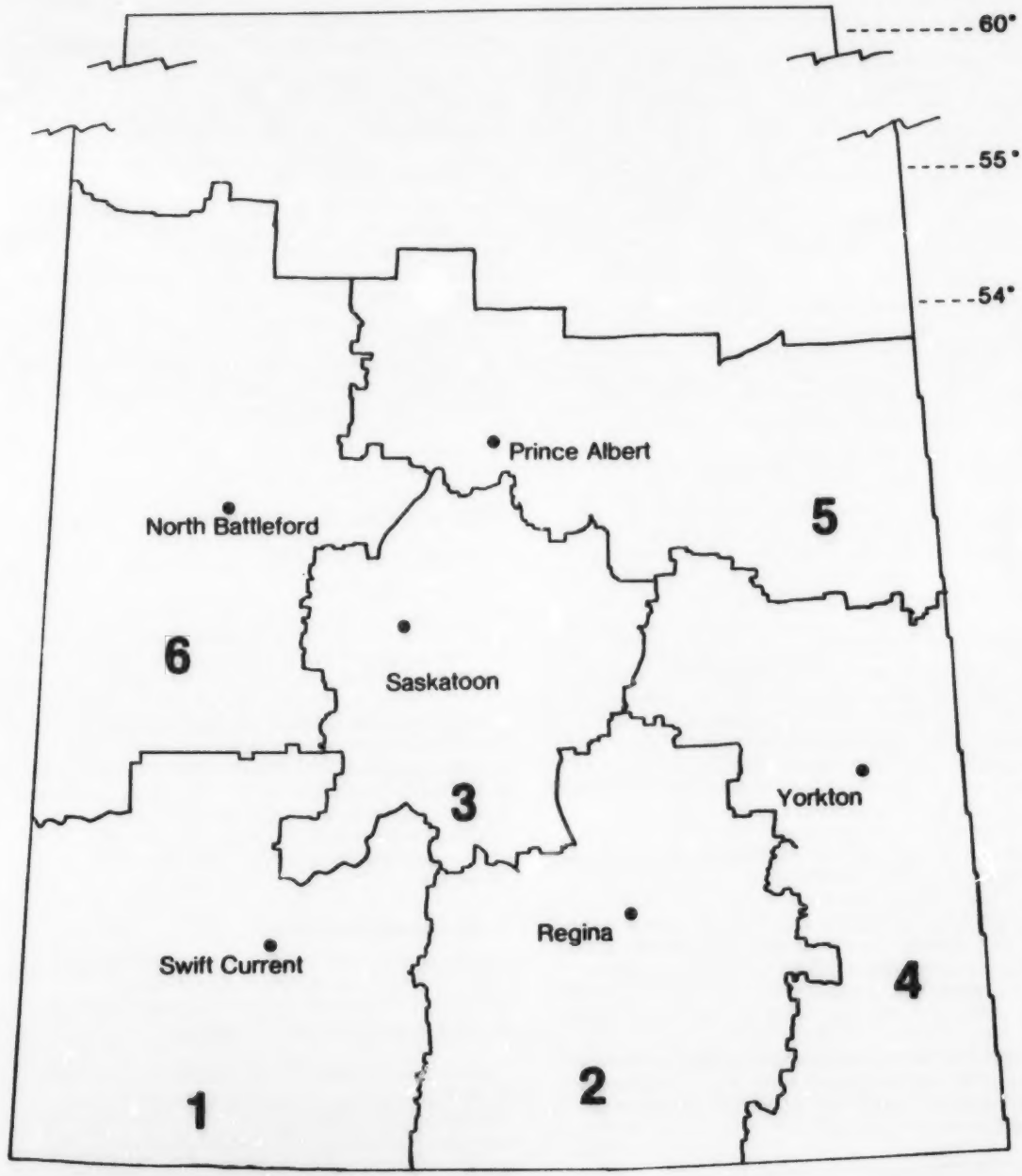


– – – – – Denotes Communication in Management Team

August 31, 1984

Dental Plan Administrative Regions

Figure 2



Key to Administrative Regions

No. 1 Swift Current
No. 2 Regina
No. 3 Saskatoon
No. 4 Yorkton
No. 5 Prince Albert
No. 6 North Battleford

August 31, 1984

Profile of Dental Plan Personnel

Clinical Personnel

1. Supervising Dentist

The supervising dentist performs a variety of duties in close cooperation with approximately eight dental therapist teams. Each team consists of one dental therapist and one certified dental assistant. The dentist spends a great deal of time examining and formulating treatment plans for enrolled children and adolescents. The dentist carries out services which are beyond the scope of the dental therapist. Lines of communication are always open between the team and the dentist in order to provide the team with immediate consultation or assistance when necessary. As supervisor, the dentist monitors the quality and quantity of work being performed by the teams. To do this, the dentist examines selected patients from each team annually using established criteria. The dentist also sees that priorities and schedules are being arranged and met.

Meeting frequently with parents, superintendents, principals, teachers and local officials, the dentist plays a significant role in public relations. All field staff are essentially public relations officers but it is the supervising dentist, together with the regional administrator, who must assess and deal with the specific difficulties and judge public sentiment.

2. Dental Therapist

The Saskatchewan Dental Therapist is a graduate of a two-year training course. Students in this course learn to diagnose tooth decay and to restore permanent and baby teeth with silver amalgam and composite resin filling materials. Dental therapists are trained to place stainless steel crowns and space maintainers and to perform pulpotomies (nerve treatments) and extractions on baby teeth. Considerable emphasis in their training is placed on the prevention of dental disease.

Most practising dental therapists in Saskatchewan are employed by the Saskatchewan Dental Plan. Other employers include various provincial and federal government agencies and dentists in private practice.

In the Dental Plan the dental therapist, with the aid of an assistant, provides the majority of preventive and restorative treatment required by Dental Plan patients.

3. Dental Therapist/Hygienist

Wascana Institute provides a unique dental hygiene training program. The program is specifically designed for graduate dental therapists. Dental therapists receive approximately 7 months training and obtain the skills necessary to be qualified dental hygienists. The program is accredited by the Canadian Dental Association Council on Education.

Working with a dental assistant, the dental therapist/hygienist provides preventive services, treatment services and staff education aimed at the prevention and treatment of periodontal disease.

In addition, the dental therapist/hygienist spends some time providing the traditional restorative and preventive services of a dental therapist.

4. Certified Dental Assistant

Certified dental assistants, who are graduates of a one-year course, play a dual role within the dental team. They perform many chairside duties for the dentist and therapist, such as instrument transfer, suctioning, retraction, preparation of restorative materials and sterilization.

In addition they take radiographs, clean and polish teeth, apply topical fluorides, place sealants and provide oral hygiene instruction.

Non-Clinical Personnel

1. Regional Administrator

Regional administrators maintain records on personnel, equipment, materials, supplies and services. They work in close cooperation with supervising dentists in assigning service areas for dental therapist teams.

Regional administrators are responsible for identifying locations for dental clinics, monitoring program progress, identifying operational problems and initiating corrective action. They share with the supervising dentists, responsibility for public relations in the region and deal with specific difficulties affecting parents, staff and members of the public.

2. Equipment Technician

The equipment technician is experienced in instrument technology and repair of dental equipment. He installs, repairs and maintains all dental equipment within the region.

Preventive maintenance is practised by all staff under the guidance of the equipment technician. This maintenance eliminates a great deal of lost time because of malfunctioning dental equipment. The equipment technicians regularly visit the dental clinics and are therefore involved in considerable travel.

The supervising equipment technician provides technical guidance and on-the-job training to technicians and also undertakes some of the more complex repairs requiring specialized shop instruments and tools.

Organization of Delivery of Dental Services

Dental Facilities

The Dental Plan uses a team approach to provide dental services in the school setting. Most of the work provided by the dental teams is performed in one-chair permanent dental clinics. The dental clinics situated in schools have many advantages over clinics located outside the school setting. Some of the advantages are better coordination with school activities, keeping children within the familiar surroundings of their own school, minimal class disruption and a minimum of working time lost by dental teams because of missed appointments or having to transport patients.

As of August 31, 1984 there were 549 permanent clinics located in schools throughout Saskatchewan (Appendix 1 lists dental clinics alphabetically by region). Permanent dental clinics, where possible, consist of a bright well-painted room of approximately 23 square metres, often with an adjoining waiting room and washroom. Most have overhead fluorescent lighting, a ventilation fan and an adequate number of electrical utility outlets. Each clinic has a lockable cupboard with a stainless steel sink and counter work areas. Located in the school, as close as possible to the clinic, is a large fixed air compressor.

A permanent dental clinic is furnished with a motorized dental chair with an attached light, operator and assistant stools, mobile dental cabinet, mobile dental cart, sterilizing equipment, amalgamator, brackets to accommodate a portable x-ray machine and portable lead shielding. All hand instruments are carried from clinic to clinic by the dental teams.

Patient Care

1. Children's Dental Care

The majority of patient care in the Dental Plan is provided in schools using a team approach.

Each team consists of a dental therapist and a certified dental assistant. Associated with each dental therapist team is a supervising dentist who works in close conjunction with about eight teams. In each region there are regional support staff including a regional administrator, an equipment technician and clerical workers.

A great deal of preliminary work within each dental region in developing schedules is undertaken to ensure that a timetable can be developed to provide dental care to all enrolled children with as little disruption to the school as possible. School principals are contacted to discuss suitable times for the teams to visit their schools and to inform them of the number of children enrolled in their particular area. The dental therapist team explains the operation of the Dental Plan to the school staff involved and discusses the schedule within each particular school. To promote continuity, dental teams attempt to schedule their work in a school at the same time each year.

A few days before the child's initial visit to the dental clinic parents are contacted by phone or letter. On the first clinic visit, the child's medical history is checked to see if there are any medical conditions which might affect the provision of dental care. A simple examination of the child's mouth is performed to determine if diagnostic x-rays are required. Any required radiographs are taken and processed.

During the second visit, the dentist or dental therapist gives the child a full clinical examination. A treatment plan is written to suit the individual preventive and restorative needs of the child. Parents are encouraged to be present for this visit so that the pertinent diagnostic findings and treatment planning can be discussed directly with them. At this time, diet and oral hygiene are also discussed with the parent and child. The prevention of dental disease is of great importance, and the dental teams stress preventive measures with the parents and children throughout the course of treatment.

Except for emergencies and urgent problems, the actual dental treatment usually commences at the third clinical session. A dental therapist and certified dental assistant carry out treatment in accordance with the treatment plan. As treatment progresses, any necessary modifications in the treatment plan are made in consultation with the supervising dentist. Dental teams are encouraged to perform quadrant dentistry, so that all necessary treatment in any quarter of the mouth is performed during one visit. Most restorative treatment is performed with the use of rubber dam, a technique which provides improved visibility and control of the operating field for the dental therapist and comfort and protection of the patient.

Referrals to private practitioners are written for specific dental treatment. Private practitioners may also provide emergency services to enrolled children.

2. Adolescent Dental Care

Young people enrolled in the Saskatchewan Dental Plan have been receiving dental care primarily in school dental clinics. Upon leaving school they will be responsible for their own dental health and will need to seek care from a dentist in private practice. A bridging program has been developed in cooperation with the College of Dental Surgeons of Saskatchewan to encourage young people to make this transition. The program provides for a number of adolescents 14 years and over who are enrolled in the Dental Plan to receive care in private dental offices.

The Department of Health has an agreement with the College of Dental Surgeons of Saskatchewan to make a capitation payment to the College for each young person making one or more visits to a participating dentist. In turn an agreement between the College and participating dental practitioners allows dentists to be paid on a fee-for-service basis in accordance with a payment schedule established by the College for this program. All covered services are provided at no charge to the parents. This agreement specifies that dentists will make every effort to ensure the participation of these patients.

In order to provide dental services, schools with grades 9, 10 and 11 are designated as either Dental Plan schools or private practice schools. In Dental Plan schools care is provided by Dental Plan staff in school clinics. In private practice schools dental care is provided in the office of a participating dentist of the parent's choice. All schools assigned to private practice are within fifty kilometers driving distance of a participating dentist. During the past year, of all adolescents assigned to private practice dentists 81.9% born in 1967, 78.1% born in 1968, and 67.2% born in 1969 received care from private practitioners.

The agreement between the College of Dental Surgeons and the Department of Health also specifies that a Quality Assurance Committee will be established. It assesses and makes recommendations about the quality of care provided to young people in both dental clinics and dental offices. This committee consists of a dentist from private practice, a dentist from the College of Dentistry, University of Saskatchewan, and a dentist from the Dental Plan. The committee has established criteria for the evaluation of dental care. Each school year members of the committee visit a number of schools in the province and examine young people who have been treated in the program. The committee sees examples of dental care provided by dentists participating in the adolescent dental program and by dental therapists in school dental clinics. The committee reports its findings regularly to the College of Dental Surgeons of Saskachewan and the Department of Health.

Statistical highlights of the 1983-84 year of operation of the adolescent program are presented in Tables 1A-1C.

Table 1A

Dental Health of Enrolled Adolescents

September, 1983 - August, 1984

	1967		1968		1969	
	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice	Assigned to Dental Plan	Assigned to Private Practice
Decayed, missing, filled permanent teeth (DMF/child)	8.54	8.45	7.67	7.38	6.54	6.30
Decayed	1.06	1.37	1.22	1.27	1.12	1.30
Missing	.41	.40	.33	.33	.28	.29
Filled	7.07	6.67	6.10	5.75	5.13	4.70
% Children with DMF of 0	2.34	3.51	4.15	4.08	5.01	6.17

Table 1B

Number of Enrolled Adolescents Utilizing Dental Services

September, 1983 - August, 1984

Year of Birth	Provider of Service	Number Enrolled	Number Seen One or More Times	Percent of Enrolled Seen One or More Times
1967	Dental Plan	2,273	2,230	98.11
	Private Practice	10,316	8,154	79.04
	Sub total	12,589	10,170[1]	80.78
1968	Dental Plan	2,963	2,871	96.90
	Private Practice	10,556	8,377	79.36
	Sub total	13,519	11,037[1]	81.64
1969	Dental Plan	4,439	4,448	100.20[2]
	Private Practice	9,096	7,748	85.18
	Sub total	13,535	11,906[1]	89.06
Total	Dental Plan	9,675	9,549	98.70
	Private Practice	29,968	24,279	81.02
	Total	39,643	33,113[1]	83.53

[1] As a young person could have been seen once by both Dental Plan staff and private practitioners due to school changes during the year, the two individual items do not equal the sum.
[2] As a number of young people were transferred to private practice for treatment during the school year, the number seen one or more times by Dental Plan staff is greater than the number enrolled at August 31, 1984.

Table 1C

Principal Clinical Services Provided to Adolescents Born in 1967, 1968 and 1969

September, 1983 — August, 1984

Service	Assigned to Private Practice	Assigned to Private Practice Per 1,000 Adolescents Seen One or More Times	Assigned to Dental Plan	Assigned to Dental Plan Per 1,000 Adolescents Seen One or More Times
Comprehensive examination	23,866	983	9,287	973
Emergency oral examination	333	14	309	32
Specific oral examination	455	19	4,356	456
Intra-oral periapical radiogram-single film	1,874	77	693	73
Intra-oral periapical radiogram-two films	1,990	82	166	17
Intra-oral periapical radiogram-three films	402	17	25	3
Intra-oral periapical radiogram-four films	942	39	22	2
Intra-oral periapical radiogram-five films	106	4	1	0
Intra-oral/occlusal- single film	37	2	22	2
Intra-oral/bitewing- one film	53	2	94	10
Intra-oral/bitewing- two films	19,227	792	3,941	413
Dental prophylaxis, oral hygiene instruction and topical fluoride	20,859	859	8,891	931
Fillings				
Permanent — one surface	15,136	623	5,167	541
Permanent — two surfaces	10,984	452	4,755	498
Permanent — three surfaces	2,822	116	1,306	137
Permanent — four surfaces	522	22	195	34
Permanent — five surfaces	114	5	39	4
Acrylic or composite Class I or V only	1,179	49	641	67
Class III	2,028	84	989	104
Class IV	557	23	161	17
Acrylic or composite, acid etch tech., double class IV (involving mesial & distal)	203	8	67	7
Plastic (acrylic) processed	302	12	18	2
Endodontics - one canal	322	13	65	7
Extraction - single tooth	1,806	74	427	45
Each additional tooth in the same quadrant at the same appointment	124	5	11	1

Dental Health Promotion

Dental Plan staff are continually involved in community dental health education and promotion activities. Staff frequently participate in community and school association meetings, prenatal class presentations, career days, school open house activities, shopping mall displays and health fairs. Many dental teams also provide dental health instruction in the classroom. These activities are intended to promote dental health and to make current dental health information available to the public.

In 1983, a periodontal survey was conducted to gather information about gum disease in Saskatchewan adolescents. The results showed that although gum irritation, soft debris and limited hard deposits were prevalent amongst the adolescents surveyed, the majority of these conditions were found to be in the early stages. The findings of this survey emphasize the importance of education, prevention and early treatment of gum disease in Saskatchewan's adolescent population.

Preventive Programs

The Dental Plan strives to offer the most effective and practical measures available to reduce the incidence of dental disease. To help accomplish this objective, the position of Dental Health Educator has been established. This person is responsible for planning, implementing and evaluating prevention and research projects within the Dental Plan, training Dental Plan staff in prevention-related activities, developing and coordinating health education materials, and acting as a resource person for Dental Plan staff. In this way, prevention activities are coordinated centrally within the Dental Plan.

An individual approach to prevention is used within the dental clinic. When indicated, children and adolescents enrolled in the Dental Plan receive individual oral hygiene and nutritional instruction, as well as topical applications of fluoride. An attempt is made by the dental teams to identify and concentrate their efforts on those children and adolescents with a high risk for dental disease.

Tooth sealants are being applied to selected children's teeth on a trial basis. Tooth decay commonly occurs on the chewing surfaces of teeth. Sealants have been shown to be both safe and effective in preventing decay on these surfaces.

The application procedure is simple. The chewing surface of a permanent molar or pre-molar is cleaned and treated with a mild conditioning solution which allows the sealant to stick to the tooth. The plastic sealant material is then applied to the grooves of the tooth. Approximately 100,000 fissure sealants were placed on permanent teeth.

Many schools in each region are participating in fluoride mouthrinse programs with the approval of the local school board and school personnel. The fluoride mouthrinse procedure is a safe and economical way to prevent tooth decay and requires little classroom time. Every week, under supervision, the students rinse with a 0.2% neutral sodium fluoride solution for one minute, and then return the solution to a paper cup for proper disposal. Studies show that fluoride rinsing reduces tooth decay by about 35%. This procedure is entirely voluntary and without cost to parents.

As of June 1984 more than 9,500 students were participants in fluoride mouthrinse programs. A list of the participating schools by region follows.

Participating Schools in the Fluoride Mouthrinse Programs

Swift Current Dental Region

Location	School
Chaplin	Chaplin School
Mankota	Mankota School
Ponteix	Ponteix Hutterite School
Vanguard	Vanguard School

Regina Dental Region

Location	School
Abernethy	Abernethy Elementary
Balcarres	Balcarres School
Coronach	Coronach School
Cupar	Cupar School
Dysart	Dysart School
Earl Grey	Earl Grey School
Fort Qu'Appelle	Fort Qu'Appelle Elementary
Indian Head	Indian Head Elementary
Lang	Lang School
Lipton	Lipton School
Milestone	Milestone Elementary
Qu'Appelle	James Hamblin School
Rockglen	Rockglen School
Sintaluta	Sintaluta Elementary
Southey	Southey School
Willow Bunch	Willow Bunch School

Saskatoon Dental Region

Location	School
Delisle	Delisle Elementary
Dundurn	Dundurn Elementary
Dundurn	Hillcrest Hutterite Elementary
Hague	Hague Elementary
Perdue	Perdue School
St. Louis	St. Louis School
Waldheim	Waldheim School

Yorkton Dental Region

Location	School
Alida	Alida School
Benson	Benson School
Carievale	Carievale School
Corning	Corning School
Duff	Duff Elementary
Estevan	Scotsburn School
Gainsborough	Gainsborough School
Glen Ewen	Glen Ewen School
Goodeve	Goodeve School
Hubbard	Hubbard Elementary
Killaly	Killaly School
Lampman	Lampman School
Langbank	Langbank School
Lemberg	Lemberg School
Neudorf	Neudorf School
Redvers	Redvers School
Sheho	Sheho Elementary
Stoughton	Stoughton School
Torquay	Torquay School
Yorkton	Fairview Elementary

Prince Albert Dental Region

Location	School
Aylsham	Aylsham Elementary
Arborfield	Arborfield School
Big River	Big River Primary
Canwood	Canwood Elementary
Carragana	Carragana Elementary
Carrot River	Carrot River Elementary
Chelan	Chelan Elementary
Christopher Lake	Christopher Lake School
Crooked River	Crooked River School
Debden	Debden School
Debden	L'Ecole Canadienne Francais
Hudson Bay	Blake Beattie Elementary
Kinistino	Kinistino Elementary
Kinistino	R. J. Humphrey Elementary
MacDowell	MacDowell Elementary
McKague	McKague Elementary
Meath Park	Meath Park Elementary
Paddockwood	Paddockwood Elementary
Pleasantdale	Pleasantdale School
Prince Albert	Spruce Home Central Elementary
Prince Albert Rural	Redwing Elementary
Prince Albert Rural	East Central Elementary
Prince Albert Rural	West Central Elementary
Ridgedale	Ridgedale School
Shellbrook	Shellbrook Elementary
Star City	Norwood Hutterite Elementary
Weekes	Weekes School
White Fox	White Fox School
Yellow Creek	Yellow Creek School
Zenon Park	Zenon Park School

North Battleford Dental Region

Location	School
Biggar	Nova Wood ELementary
Biggar	St. Gabriel's Separate School
Biggar	Woodrow Lloyd Elementary
Biggar	Goldenview Hutterite Elementary
Cando	Cando School
Handel	Handel School
Leask	Leask Hutterite Elementary
Milden	Milden Central School
North Battleford	Connaught Elementary
Rosetown	Clelland Hutterite Elementary
Scott	Lakeview Hutterite Elementary
Sonningdale	Sonningdale School
Unity	St. Peter's Elementary
Wilkie	St. George Separate School

Continuing Education

Continuing education is encouraged for all staff in the Dental Plan. Supervising dentists work with individual dental teams and groups of teams presenting and reviewing dental techniques. Each dental region meets several times a year. Normally a portion of each meeting is set aside for continuing education. Topics include reviews of clinical procedures, patient management and communication skills.

This year selected dental therapists and assistants from each region attended a continuing education course with supervising dentists, regional administrators and head office staff. Raymond Croucher of Cambridge University presented his award winning dental prevention program for adolescents, "Natural Nashers". Mavis Kyle, Associate Dean of the University of Saskatchewan, School of Nursing, gave a workshop entitled, "Supervisory and Communication Skills for Health Professionals". The supervising dentists attended a course presented by Drs. Matthews and Hastings of Wascana Institute. They reviewed the techniques dental therapists are currently being taught. Dr. David Singer, University of Saskatchewan, School of Dentistry, presented "Rapidly Progressing Juvenile Periodontitis, Its Early Identification and Treatment".

Many staff members received support for attending courses and meetings presented by other organizations in the province such as the Dental Therapists Association, the College of Dental Surgeons of Saskatchewan and the University of Saskatchewan.

A number of dentists in the Dental Plan attended management courses sponsored by the Department of Health and the Public Service Commission.

Other Activities

In addition to the major responsibility of improving the level of dental health of children and adolescents in the province, the Saskatchewan Dental Plan is involved in other dental activities.

The Dental Plan provides consultation on provincial dental matters to other agencies such as the Northern Health Services Branch, Community Health Services Branch, Medical Care Insurance Commission and the Federal Government.

The Dental Plan administers the Supplementary Health Benefits Dental Program. In this capacity the Dental Plan summarizes unusual claims for review by the Dental Advisory Board and processes approved claims for payment. Details are provided in Appendix 2.

The College of Dentistry at the University of Saskatchewan and the Dental Plan work together to provide students and new graduates an opportunity to gain first hand knowledge of the Dental Plan. As well as encouraging graduates to consider a career as a supervising dentist with the Dental Plan, the knowledge gained from this experience helps build a positive working relationship between those graduates entering private practice in the province and the Dental Plan. College of Dentistry students at the University of Saskatchewan have an opportunity to learn about the Dental Plan through class discussions in which Dental Plan staff participate, by visits to Dental Plan clinics and by working in a Dental Plan clinic during a portion of their fifth year of training.

One dental student was employed by the Dental Plan in Regina during July and August in the dental claims and assessments section.

The Dental Plan also offers part-time employment to recent graduates of the College of Dentistry, University of Saskatchewan. Three recent graduates provided dental care on a part-time basis to children and adolescents attending Dental Plan clinics. These dentists become familiar with the Dental Plan and gain experience in providing dental care to children and adolescents.

The Dental Plan and the College of Dental Surgeons participate in a summer externship program. This program provides fifth year dental students at the University of Saskatchewan with an opportunity to gain experience in providing preventive and treatment procedures in a rural dental practice setting under the guidance of a private practitioner. The Dental Plan provided a grant to the College of Dental Surgeons of $800.00 per student per month for 8 students who worked a total of 23 months. This grant was paid to the private practitioner who in turn paid the student a salary of $1,600.00 a month.

Table 2

Enrollment of Eligible Children and Adolescents (Excluding Registered Indians)[1]

as at August 31, 1984

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total[2]	174,535	154,548	88.5	15,347	8.8	4,640	2.7
Born 1967	14,694	12,066	82.1	1,983	13.5	645	4.4
Born 1968	14,716	12,872	87.5	1,513	10.3	331	2.2
Born 1969	14,746	12,952	87.8	1,448	9.8	346	2.4
Born 1970	14,380	12,586	87.5	1,478	10.3	316	2.2
Born 1971	14,408	12,669	87.9	1,434	10.0	305	2.1
Born 1972	14,370	12,772	88.9	1,317	9.2	281	1.9
Born 1973	14,011	12,536	89.5	1,211	8.6	264	1.9
Born 1974	14,193	12,785	90.1	1,115	7.8	293	2.1
Born 1975	14,473	13,194	91.2	1,001	6.9	278	1.9
Born 1976	14,618	13,315	91.1	916	6.3	387	2.6
Born 1977	14,992	13,603	90.7	982	6.6	407	2.7
Born 1978	14,934	13,198	88.4	949	6.3	787	5.3

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

[2] Enrollment figures for Registered Indians are reported separately. Because of a number of circumstances unique to that group of children and adolescents, their participation in the Dental Plan is markedly lower than that of other eligible children (see Table 3).

Table 3

Enrollment of Eligible Registered Indians[1]

as at August 31, 1984

Age Group	Number Eligible	Number Enrolled	Percent Enrolled	Number Refused	Percent Refused	Number No Response	Percent No Response
Total	12,174	7,236	59.4	483	4.0	4,455	36.6
Born 1967	941	523	55.6	41	4.3	377	40.1
Born 1968	1,048	647	61.7	51	4.9	350	33.4
Born 1969	940	583	62.0	41	4.4	316	33.6
Born 1970	1,006	644	64.0	62	6.2	300	29.8
Born 1971	1,001	668	66.7	41	4.1	292	29.2
Born 1972	1,035	665	64.3	48	4.6	322	31.1
Born 1973	995	644	64.7	44	4.4	307	30.9
Born 1974	1,026	651	63.5	37	3.6	338	32.9
Born 1975	985	610	61.9	35	3.6	340	34.5
Born 1976	1,025	586	57.2	36	3.5	403	39.3
Born 1977	1,054	570	54.1	33	3.1	451	42.8
Born 1978	1,118	445	39.8	14	1.3	659	58.9

[1] Enrollment figures include those adolescents eligible for treatment by private practice dentists in the adolescent dental program.

Dental Health of Enrolled Children and Adolescents

Every child and adolescent enrolled in the Dental Plan is examined once a year. This is a thorough examination with a dental light, mirror, explorer and air to dry the teeth. X-rays may be used to detect cavities between the teeth that cannot be seen otherwise.

Children in the province experience considerable tooth decay at a young age. It can be seen in Table 4A that the average five year old had 2.20 decayed deciduous (baby) teeth.

Table 4B shows a dramatic improvement in the number of decayed, missing and filled permanent teeth for individual age groups from the 1974-75 program year to the 1983-84 program year.

Figure 4 reflects the improvement of dental health of six year old children during the ten years the Dental Plan has been in operation.

The total number of decayed, missing and filled permanent and baby teeth for six year old children, as shown in Figure 4, has declined from 6.5 in 1974-75 to 3.6 in 1983-84. It should be noted that in addition to an overall reduction in the total there has been a significant change from the major category being decayed teeth for six year olds in 1974-75 to the major category being filled teeth for six year old children in 1983-84.

Table 4A

Dental Health of Enrolled Children and Adolescents

September, 1983 — August, 1984

	Average Number or Percent Per Adolescent By Year of Birth			Average Number or Percent Per Elementary Child By Year of Birth								
	1967[1]	1968[1]	1969[1]	1970[1]	1971[1]	1972[1]	1973[1]	1974[1]	1975	1976	1977	1978
Decayed, extracted, filled deciduous teeth (DEF)	–	–	–	–	–	–	–	–	3.72	3.59	3.37	2.83
Decayed	–	–	–	–	–	–	–	–	.60	.79	1.12	2.20
Extracted	–	–	–	–	–	–	–	–	.18	.15	.10	.06
Filled	–	–	–	–	–	–	–	–	2.93	2.64	2.14	.56
Decayed, missing, filled permanent teeth (DMF)	8.47	7.44	6.38	4.99	4.05	3.18	2.57	1.80	1.23	.71	.26	.04
Decayed	1.30	1.26	1.23	.94	.82	.62	.52	.46	.46	.41	.21	.03
Missing	.40	.33	.29	.23	.15	.09	.05	.01	.00	.00	.00	.00
Filled	6.75	5.84	4.85	3.81	3.08	2.46	1.99	1.33	.78	.29	.04	.00
Total DEF and DMF	–	–	–	–	–	–	–	–	4.95	4.30	3.63	2.87
Children with DMF of 0	3.27%	4.10%	5.76%	9.00%	12.14%	16.73%	21.73%	35.10%	49.25%	66.58%	85.86%	97.59%
Children with DEF of 0	–	–	–	–	–	–	–	–	21.36%	25.43%	31.53%	41.34%
Children with DMF and DEF of 0	–	–	–	–	–	–	–	–	16.20%	21.85%	30.02%	41.09%
Decayed deciduous and permanent teeth	–	–	–	–	–	–	–	–	1.06	1.21	1.33	2.24
Filled deciduous and permanent teeth	–	–	–	–	–	–	–	–	3.70	2.93	2.19	.56
Ratio filled deciduous and permanent teeth to DMF and DEF	–		–	–	–	–	–	–	.74	.68	.60	.19
Ratio missing and extracted to filled teeth	.06	.05	.06	.06	.05	.04	.05	.05	.05	.05	.04	.11
Permanent teeth erupted and not decayed	19.30	20.03	20.66	20.24	19.35	18.81	13.36	10.90	9.42	7.40	3.92	.80
Deciduous teeth filled and redecayed	–	–	–	–	–	–	–	–	.13	.13	.11	.05
Permanent teeth filled and redecayed	.16	.13	.10	.07	.05	.04	.04	.02	.01	.00	.00	.00

[1] Dental health indices on deciduous teeth for these children and adolescents have not been reported since too high a proportion of deciduous teeth have already been shed.

Table 4B

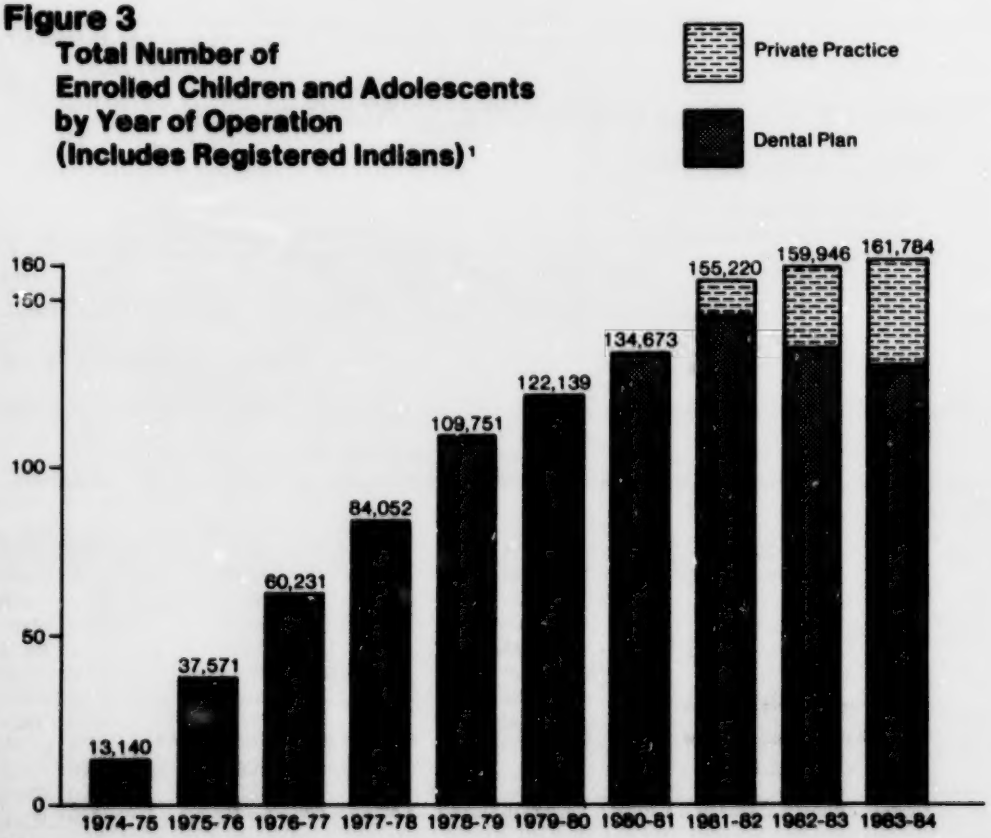
Progression of Decayed, Missing and Filled (DMF) Permanent Teeth by Age

1974-75 to 1983-84

Age School Year	6	7	8	9	10	11	12	13	14
1974-75	.94	–	–	–	–	–	–	–	–
1975-76	.80	1.95	–	–	–	–	–	–	–
1976-77	.72	1.81	2.71	3.10	–	–	–	–	–
1977-78	.67	1.52	2.54	3.21	3.68	–	–	–	–
1978-79	.57	1.46	2.26	3.01	3.65	4.42	5.23	–	–
1979-80	.53	1.24	2.08	2.69	3.43	4.20	5.24	6.25	–
1980-81	.38	1.17	1.80	2.47	3.07	3.94	4.96	6.25	7.32
1981-82	.32	.93	1.76	2.30	2.96	3.63	4.71	5.86	7.17
1982-83	.31	.83	1.45	2.27	2.76	3.43	4.33	5.48	7.07
1983-84	.26	.71	1.23	1.80	2.57	3.18	4.05	4.99	6.38

Figure 3

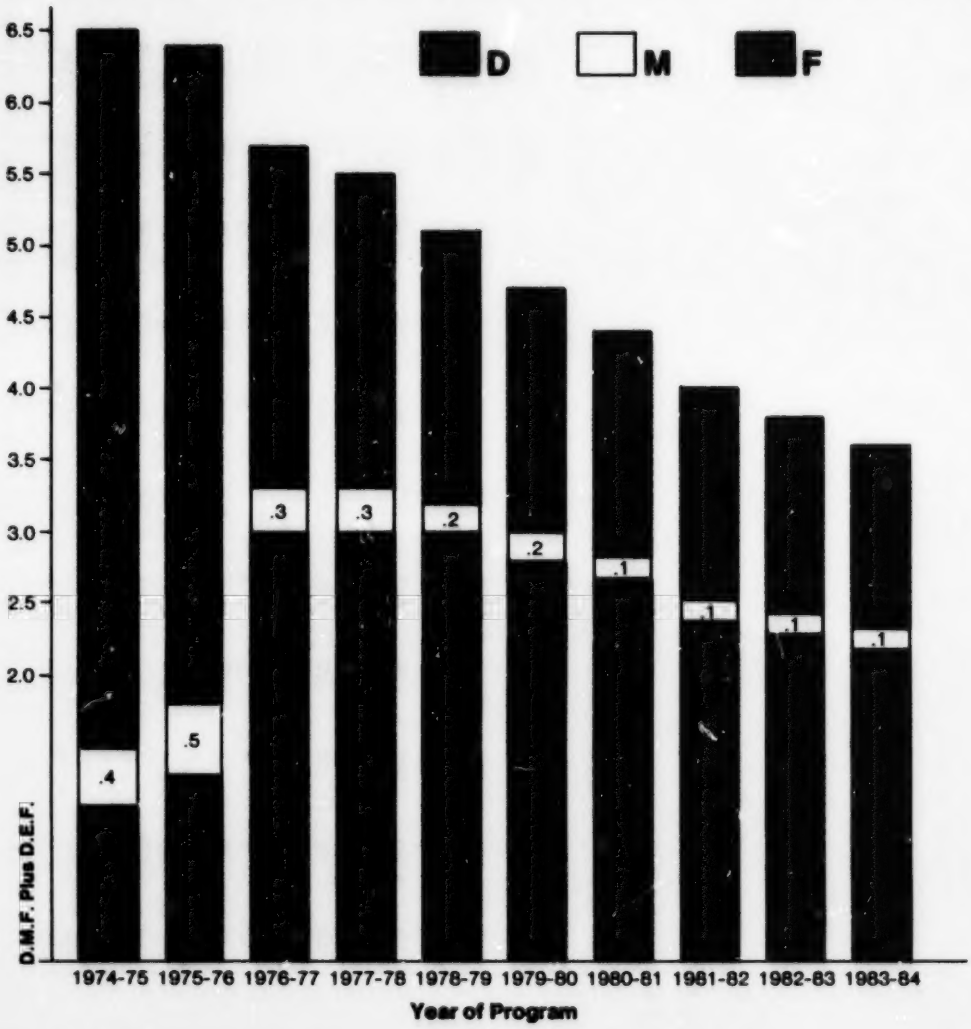
Total Number of Enrolled Children and Adolescents by Year of Operation (Includes Registered Indians)[1]



[1] As of August 31 in each program year.

Figure 4

Total D.M.F.[1] Plus D.E.F.[2] for a Six Year Old Child by Year of Program



[1] Decayed, missing, filled (permanent teeth)
[2] Decayed, extracted, filled (deciduous teeth)

Services Provided to Enrolled Children and Adolescents

All services provided by Dental Plan staff are recorded, for statistical purposes, in a data information system in addition to the customary patient service record. The volume of services provided by Dental Plan staff and private dental practitioners during the 1983-84 program year is shown, by age of patient, in table 5. Comparisons with the volume of service provided in previous years may be made by referring to previous reports.

Table 5

Clinical Services Provided[1]
September, 1983 — August, 1984

Services	Number (By Year of Birth)												
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	Total
Parent contacts													
In person	246	405	861	2,783	2,984	3,521	4,036	4,779	5,382	5,949	5,625	18,833	55,404
By phone	702	948	1,746	5,230	4,959	4,893	5,593	5,873	6,746	7,126	6,667	15,201	65,684
By letter	3,259	4,317	6,724	21,149	20,541	21,323	22,302	22,565	23,745	25,511	24,124	18,945	214,505
Diagnostic services													
Initial oral examination	8,064	8,320	7,944	734	869	858	838	772	815	1,019	1,386	11,639	43,258
Emergency oral examination	235	188	219	393	448	655	777	902	857	984	919	1,466	8,043
Specific oral examination	1,333	1,385	2,238	8,948	5,790	6,154	9,882	6,261	7,159	10,844	5,553	2,415	67,962
Recall examination	2,108	2,650	4,067	12,031	11,905	11,988	11,800	12,107	12,411	12,461	12,269	1,469	107,266
Diagnostic models	69	102	128	106	107	133	178	235	257	239	90	57	1,701
Radiographic services													
Periapical radiographs	4,335	4,027	4,222	1,562	1,495	1,570	1,757	1,805	1,845	1,840	1,173	1,724	27,355
Bitewing radiographs (single film)	15,228	15,380	15,981	10,601	8,658	6,886	6,667	6,968	8,089	9,062	8,346	11,555	123,421
Panoramic radiographs	7	7	7	3	3	6	8	10	6	4	3	4	68
Occlusal single	15	15	29	29	26	39	48	101	229	283	218	136	1,138
Preventive services													
Dental prophylaxis	9,410	10,106	11,244	12,831	13,061	13,173	12,835	12,994	13,266	13,201	13,330	12,441	147,915
Polish amalgam	767	932	1,538	4,379	4,121	3,843	3,921	4,397	4,721	4,915	4,479	3,562	41,575
Topical fluoride	1,956	2,522	3,942	11,602	11,827	11,906	11,701	11,942	12,258	12,399	12,579	11,771	116,405
Fluoride varnish	1	1	9	17	14	16	13	12	13	15	10	11	132
Nutritional counsel (individual)	314	385	550	1,858	1,904	1,854	1,933	2,062	2,137	2,232	2,367	2,153	19,749
Oral hygiene instruction (individual)	2,010	2,696	4,183	12,302	12,462	12,290	12,008	12,194	12,352	12,496	12,626	12,183	119,806
Fissure sealant	1,038	1,977	4,416	19,127	19,947	14,709	9,223	6,905	9,294	15,480	13,747	3,338	119,201
Group instruction[2]	0	0	0	0	0	0	0	0	0	0	0	0	1,483
Restorative services													
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Amalgam primary													
One surface	13	12	27	29	73	187	490	1,020	1,623	2,341	3,368	7,270	16,453
Two surface	37	28	41	143	328	942	2,342	4,728	6,801	8,350	9,838	14,201	47,779
Three surface	17	8	16	27	74	222	475	752	859	776	820	1,864	5,910
Four surface	1	0	0	2	6	17	24	48	40	44	33	97	312
Five surface	0	0	0	0	0	1	2	3	3	1	3	4	17
Amalgam permanent													
One surface	5,812	6,479	8,012	8,024	7,205	5,353	4,454	4,625	4,963	4,662	2,463	496	62,570
Two surface	5,488	5,104	5,147	4,639	3,704	2,720	2,145	1,684	1,549	1,303	706	151	34,340
Three surface	1,506	1,374	1,246	941	682	401	376	218	184	177	60	25	7,192
Four surface	304	232	181	129	87	67	83	36	36	38	19	3	1,215
Five surface	61	44	48	20	15	13	21	1	6	7	4	0	240

Composite restorations (white)	2,193	1,948	1,769	1,764	1,524	1,255	1,087	799	648	394	211	515	14,107
Retentive pins	191	149	121	40	50	49	46	25	21	32	6	9	739
Crowns													
Stainless steel	18	18	16	26	57	124	252	711	1,384	1,870	2,211	4,350	11,037
Porcelain, plastic, cast or preformed metal	229	133	90	16	34	20	22	15	4	2	0	1	566
Caries control													
Removal of decay and placement of sedative dressing	103	108	107	144	166	204	266	220	201	217	261	943	2,940
Dicing or slicing	32	52	47	121	125	158	284	474	790	919	326	144	3,472
Prosthetic services													
Full dentures	2	0	0	0	0	0	0	0	0	0	0	0	2
Partial dentures	18	17	15	9	19	10	8	2	6	4	0	0	108
Pulp therapy services													
Pulp cap	66	75	91	188	221	157	155	145	129	125	66	105	1,523
Root canal therapy	147	123	121	51	70	56	53	28	19	6	0	0	674
Pulpotomy	38	27	33	41	71	175	367	692	1,048	1,259	1,673	4,163	9,587
Periodontal services	136	146	205	413	382	281	206	185	132	85	33	13	2,217
Surgical services													
Extraction of primary teeth	584	658	918	735	1,233	1,671	1,951	1,722	1,412	1,520	1,541	1,363	15,308
Extraction of permanent teeth	7	20	28	64	61	45	63	21	15	24	9	1	358
Extraction of primary teeth for orthodontic purposes	4	5	44	342	630	925	1,021	1,033	1,061	930	616	244	6,855
Extraction of permanent teeth for orthodontic purposes	9	30	81	279	326	419	274	198	76	86	50	15	1,843
Removal of residual roots (soft tissue coverage)	38	8	4	5	8	6	5	4	11	7	3	9	108
Open and drainage of tooth	9	11	14	11	8	12	18	16	31	32	15	36	213
Surgical exposure of unerupted tooth	0	2	3	5	3	5	7	5	2	1	3	1	37
Removal of tooth (specialist)	11	8	24	27	42	51	46	33	32	24	5	9	312
Other surgical services (specialist)	90	42	53	73	67	53	69	35	34	32	10	8	566
Palliative services	103	75	58	24	37	35	46	70	48	41	45	24	606
Space maintainers and minor orthodontic services													
Unilateral space maintainer	10	2	3	10	6	15	39	96	210	347	391	575	1,704
Bilateral space maintainer	2	1	5	8	22	23	47	64	67	75	51	22	387
Tooth movement and space regaining	12	21	35	34	46	64	85	163	141	111	25	3	740
Observation/adjustment of active appliance	51	108	111	161	156	225	342	463	410	297	46	7	2,377
Removal/re-cement of fixed appliance	5	2	7	4	17	40	86	101	104	44	17	7	434
Occlusal adjustment	1	1	6	5	9	9	5	8	9	25	10	5	93
Number of children seen one or more times	10,170	11,037	11,906	12,782	12,992	13,081	12,843	13,155	13,468	13,597	13,851	13,224	152,108
Percent of children seen one or more times	80.78	81.64	87.96	96.61	97.41	97.35	97.44	97.91	97.57	97.81	97.73	96.93	94.02

[1] Includes services to enrolled registered Indians.

[2] Group instruction on dental health was provided to children in 1,483 classrooms. Individual records were not maintained by year of birth.

Referred and Emergency Services

The costs of services provided by private practitioners to children and adolescents enrolled in the Dental Plan are covered in three areas: referred services, emergency services and services provided in the adolescent dental program.

Referrals for children and adolescents to private practitioners are of two types. A general referral is given to a patient when the examining dentist feels that the management of the patient is beyond the capability of the dental therapist. Into the category of patient management fall individuals with such problems as mental or physical handicaps and medical or emotional problems. Dental Plan dentists are qualified to deal with such situations, but intensive treatment of special cases is not their primary role in the Plan. Rather, their role is to examine all enrolled children and to supervise the treatment. It is therefore considered preferable to refer children requiring extensive management to a private practitioner, who can devote more time to them and provide more intensive care.

Enrolled children and adolescents are also given referrals to private practitioners for specific dental problems beyond the capability of the dental therapist. Into this category fall such services as treatment of minor orthodontic problems and extensive surgical procedures.

Private practitioners also provide emergency services to enrolled children and adolescents. Emergency services are defined as the relief of pain, treatment of infections, or control of haemorrhage. In emergency cases, the patient does not need to be referred by a Dental Plan dentist in order for service costs to be covered.

In addition, in 1983-84 four private practitioners provided dental care to enrolled children and adolescents on a contract basis.

The following table outlines the types and costs of referred and emergency services provided by private practitioners to children and adolescents enrolled in the Saskatchewan Dental Plan in 1983-84.

Table 6

Referred and Emergency Services Provided By Private Practice Dentists to Children and Adolescents Enrolled in the Dental Plan[1]

September, 1983 — August, 1984

	Referred		Emergency		Total	
Type of Service	**No.**	**Cost ($)**	**No.**	**Cost ($)**	**No.**	**Cost ($)**
Total	10,827	280,325.80	2,304	52,183.86	13,131	324,808.13
Initial oral examination	1,116	16,050.85	95	1,366.50	1,211	17,417.35
Specific oral examination	381	6,630.00	6	80.40	387	6,710.40
Diagnostic models	19	334.45	2	35.50	21	369.95
Periapical x-rays	895	6,931.05	487	4,421.30	1,382	11,352.35
Bitewing x-rays	771	5,317.00	105	790.15	876	6,107.15
Panoramic x-rays	41	1,023.00	1	26.20	42	1,049.20
Topical fluoride and dental prophylaxis	465	4,140.35	65	567.40	530	4,707.75
Oral hygiene instruction (individual)	161	1,881.70	11	122.10	172	2,003.80
Amalgam restorations	2,043	47,977.43	231	5,434.50	2,274	53,411.93
Composite restorations	356	11,344.90	182	7,778.50	538	19,123.40
Stainless steel crowns	247	9,540.67	36	1,388.40	283	10,929.07
Crowns — porcelain, plastic, cast or preformed metal	123	14,781.30	15	1,532.30	138	16,313.60
Caries control — removal of decay, place sedative dressing	22	159.30	24	171.40	46	330.70
Full or partial dentures	28	4,312.84	2	179.65	30	4,492.49
Root canal therapy	161	27,207.90	47	7,861.25	208	35,069.15
Pulpotomy	286	7,374.30	104	2,795.55	390	10,169.85
Removal of erupted teeth	1,200	23,721.09	423	8,450.25	1,623	32,171.34
Surgical removal of tooth (specialist)	251	6,511.60	2	45.65	253	6,557.25
Other surgical services (specialist)	351	34,577.37	0	0.00	351	34,577.37
Unilateral space maintainer	79	4,665.75	13	451.25	92	5,117.00
Bilateral space maintainer	67	7,071.55	1	40.00	68	7,111.55
Tooth movement and space regaining	48	5,536.10	0	0.00	48	5,536.10
Observation orthodontics	99	1,039.75	0	0.00	99	1,039.75
Other miscellaneous services	1,617	32,195.55	452	8,645.61	2,069	40,841.16
Other services unidentified	—	—	—	—	—	(7,701.53)

[1] In addition to the above expenditures, the following costs were incurred:

(a) $2,248,583.64 in capitation payments were made to the College of Dental Surgeons for services provided to 24,535 adolescents who received routine dental care from private practice dentists;

(b) $96,046.03 was paid to four private practitioners working on a contract basis to provide dental care to enrolled children and adolescents.

Therefore these expenditures amount to $2,669,437.80. (See Statement 1)

Expenditures

In a review of the following financial statements, certain points should be noted:

1. The financial statements reflect all expenditures incurred directly by the Dental Plan. The statements include certain expenditures which apply to activities other than the provision of dental care to enrolled persons. However, costs related to the Dental Plan which were incurred by other agencies are excluded.

2. Revenue from Dental Plan activities is not applied to offset expenditures. Total revenue of $1,594,947.96 realized during the year includes:

(a)	Department of National Health and Welfare — enrolled Indian children and adolescents	$612,349.12
(b)	Department of National Health and Welfare — Canada Assistance Plan	$960,093.90
(c)	Province of Alberta — preventive services in Lloydminster	$ 11,180.00
(d)	Other miscellaneous and casual revenues	$ 11,324.94

Statement 1

Statement of Payments — Operating Expenses

	September 1, 1982 to August 31, 1983	September 1, 1983 to August 31, 1984
Administration (Regina Central Office)		
Salaries and honoraria	$ 758,598.89	$ 772,356.92
Travel	19,548.31	16,718.13
Public information and advertising	79,167.42	60,289.65
Professional dues and staff training	3,498.75	4,437.97
Office expenses	44,734.57	69,471.13
Other expenses	482,744.96	453,752.04
Sub total	$ 1,388,292.90	$ 1,377,025.84
Dental Plan Program Expenses		
Salaries	$ 9,314,732.51	$ 9,356,104.06
Travel	719,895.13	768,831.33
Public information and advertising	574.86	544.35
Professional dues and staff training	38,363.77	36,644.05
Office expenses	191,012.01	232,382.56
Private practitioner services	2,137,213.13	2,669,437.80
Laboratory supplies and services	49,234.38	54,927.02
Dental supplies	502,636.51	417,219.95
Repairs	44,119.98	58,453.15
Taxes and licences	17,033.66	10,927.92
Grants and contributions	12,800.00	25,800.00
Other expenses	108,357.19	112,545.69
Sub total	$13,135,973.13	$13,743,817.88
Total operating expenditure	$14,524,266.03	$15,120,843.72
Capital equipment purchases	134,845.83	2,470.44
Total expenditure	$14,659,111.86	$15,123,314.16
Supplementary Health Benefits — Dental Program Expenses		
Salaries and honoraria	$ 27,978.57	$ 77,959.65
Travel	52.80	299.20
Office expenses	7.91	1,337.71
Private practitioner services	1,086,356.77	2,595,476.07
Other expenses	3,204.03	27,642.59
Total expenditure	$ 1,117,600.08[1]	$ 2,702,715.22
Total of all expenditures	$15,776,711.94	$17,826,029.38

[1] Actual expenditure for the five month period April 1, 1983 to August 31, 1983 only. Previous expenditures were reported by Medical Services Division, Department of Health.

Statement 2

Expenditure Statement Reconciliation to Public Accounts[1]

	Public Accounts	Program Year
Expenditure Sept. 1/81 — March 31/82	not applicable[2]	$ 7,896,199.69
Expenditure April 1/82 — August 31/82	$ 5,885,744.09	5,885,744.09
Total Expenditure 1981-82 Program Year		$13,781,943.78
Expenditure Sept. 1/82 - March 31/83	8,617,521.86	$ 8,617,521.86
Public Accounts 1982-83	$14,503,265.95	
Expenditure April 1/83 — August 31/83	$ 7,159,190.08	7,159,190.08
Total Expenditure 1982-83 Program Year		$15,776,711.94
Expenditure Sept. 1/83 — March 31/84	11,076,236.68	$11,076,236.68
Public Accounts 1983-84	$18,235,426.76	
Expenditure April 1/84 — August 31/84		6,749,792.70[3]
Total Expenditure 1983-84 Program Year		$17,826,029.38

[1] This reconciliation is included because the Saskatchewan Dental Plan operates on a school year (begins September 1) rather than on the Government fiscal year (begins April 1).

[2] The figures for this period apply to the fiscal year 1981-82 and have been reported in previous reports. The figure is not reported here to avoid confusion.

[3] These figures, obtained from the Department of Finance monthly expenditure statements relating to the Saskatchewan Dental Plan, will be included in the Public Accounts for the 1984-85 fiscal year.

Statement 3

Adjustment to Cash Expenditure Statements Shown in Statement 1 to Determine Actual Cost of Services Rendered to Enrolled Children and Adolescents

	Program Year September 1/82 — August 31/83		Program Year September 1/83 — August 31/84	
Total Operating Expenditure				
(from statement 1)		$14,524,266.03		$15,120,843.72
Add dental supplies opening inventory	$561,024.19		$563,570.93	
Less dental supplies closing inventory	(563,570.93)		(407,161.96)	
Add repair parts opening inventory	49,196.16		53,077.94	
Less repair parts closing inventory	(53,077.94)		(32,229.15)	
Less grant paid to the College of Dental Surgeons of Saskatchewan for the Summer Dental Externship Program[1]	(12,800.00)		(25,800.00)	
Less cost of providing certain dental services to Lloydminster, Alberta[2]			(8,313.32)	
Sub total		$14,505,037.51		$15,263,988.16
Add depreciation		163,829.69		139,625.80[3]
Add amortization		26,225.50		20,980.40[4]
Actual cost of services		$14,695,092.70		$15,424,594.36
Number of enrolled children and adolescents		159,946		161,784
Average cost per enrolled child[5]		$ 91.88		$ 95.34

[1] Grant for students in the College of Dentistry, University of Saskatchewan, serving a dental externship with private practice dentists in rural Saskatchewan.

[2] Costs incurred for providing certain dental health education and preventive services to children resident in Alberta, who attend school in Lloydminster, under an agreement with the Province of Alberta.

[3] Opening inventory of depreciated fixed assets ($1,092,197.91 — $163,829.69) $ 928,368.22
Add purchases during year 2,470.44
Undepreciated fixed assets $ 930,838.66
Depreciation calculated at 15% of undepreciated value of fixed assets $ 139,625.80

[4] Costs incurred for rewrite of the data processing system ($131,127.49 — $26,225.50) $ 104,901.99
Add costs incurred during year 0.00
Unamortized value of system $ 104,901.99
Amortization calculated at 20% of unamortized value of system $ 20,980.40

[5] Calculated by dividing the actual cost of services by the number of children and adolescents enrolled.

Note: The Department of Education covers the cost of establishing dental clinics in schools. These expenditures are capital in nature and should be amortized over the life of the facility.

Opening inventory of approved dental clinics ($3,936,007.80 - $853,811.90)	$3,082,195.90
Add approved dental clinics from September 1/83 to August 31/84	$ 496,327.00
Undepreciated dental clinics	$3,578,522.90
Depreciation calculated at 5% of undepreciated value of dental clinics	$ 178,926.15

This would represent an average cost per enrolled child of: $\frac{\$178,926.15}{161,784} = \$1.11$

Appendix 1

Established Dental Clinics
by Dental Region and Location

Swift Current Dental Region

Location	School
Abbey	Abbey School
Burstall	Burstall School
Cabri	Cabri Elementary
Central Butte	Central Butte Elementary
Chaplin	Chaplin Elementary
Climax	Climax Elementary
Consul	Consul School
Dinsmore	Dinsmore School
Eastend	Eastend School
Elrose	Elrose School
Eston	Eston Elementary
Fox Valley	Fox Valley School
Frontier	Frontier School
Gravelbourg	Gravelbourg Elementary
Gull Lake	Gull Lake Elementary
Herbert	Herbert Elementary
Hodgeville	Hodgeville Elementary
Kincaid	Kincaid School
Kyle	Kyle School
Lafleche	Lafleche School
Lancer	Lancer Elementary
Leader	Leader Elementary
Mankota	Mankota School
Maple Creek	Jasper Street Elementary
	Sidney Street Elementary
Morse	Morse School
Ponteix	Ponteix Elementary
Richmound	Richmound School
Shaunavon	Christ the King School
	Shaunavon Public School
Swift Current	Ashley Park Elementary
	Central Elementary
	Dickson Elementary
	Fairview Elementary
	James O. Begg Elementary
	Kinsman/Oman Elementary
Val Marie	Val Marie School
Vanguard	Vanguard Elementary
Wymark	Wymark Elementary

Total Clinics for 1983-84 39

Regina Dental Region

Location	School
Abernethy	Abernethy Elementary
Assiniboia	Assiniboia Jr. High
Avonlea	Avonlea Elementary
Balcarres	Balcarres School
Balgonie	Balgonie Elementary
Bengough	Bengough School
Bethune	Bethune School
Briercrest	Briercrest School
Brownlee	Brownlee School
Bulyea	Bulyea School
Caronport	Caronport Elementary
Ceylon	Ceylon Elementary
Coderre	Coderre School
Coronach	Coronach School
Crane Valley	Crane Valley School
Creelman	Creelman Elementary
Cupar	Cupar Elementary
Dysart	Dysart School
Fillmore	Fillmore School
Fort Qu'Appelle	Fort Qu'Appelle Elementary
Francis	Francis School
Gladmar	Gladmar High
Glenavon	Glenavon School
Goodwater	Goodwater Elementary
Govan	Govan Elementary
Grand Coulee	Grand Coulee School
Indian Head	Indian Head Elementary
Kelliher	Kelliher School
Lajord	Lajord Hutterite Elementary
Lake Alma	Lake Alma Elementary
Lang	Lang Elementary
Lebret	Qu'Appelle Residential School
Lestock	Lestock High
Limerick	Limerick Elementary
Lipton	Lipton Elementary
Lumsden	Arm River Hutterite Elementary
	Lumsden Elementary
McLean	McLean School
Marquis	St. Mark Separate Elementary
Midale	Midale School
Milestone	Milestone Elementary
Minton	Minton Elementary
Montmartre	Montmartre School
Moose Jaw	Alexander Elementary
	Bushell Park School
	Empire Elementary
	King Edward Elementary
	King George Elementary
	Lindale School
	Palliser Heights Elementary
	Prince Arthur Elementary
	Ross Elementary
	Sacred Heart Elementary
	St. Agnes Elementary
	St. Michael Elementary
	Westmount Elementary
	William Grayson Elementary
	Moose Jaw District Office

Regina Dental Region (continued)

Location	School
Mortlach	Mortlach School
Mossbank	Mossbank Health Clinic
Odessa	Odessa School
Ogema	Ogema School
Pangman	Pangman Elementary
Pilot Butte	Pilot Butte Elementary
Punnichy	Punnichy Elementary
	Punnichy High
Quinton	Quinton Elementary
Radville	Radville Elementary
	St. Olivers Elementary
Raymore	Raymore School
Regina	Albert Elementary
	Argyle Elementary
	Athabasca Elementary
	Benson Elementary
	Birchwood Elementary
	Judge Bryant Elementary
	Centennial Elementary
	M. J. Coldwell Elementary
	Coronation Park Elementary
	R. J. Davidson Elementary
	Deshaye Separate Elementary
	Dieppe Elementary
	Elsie Dorsey Elementary
	Dover Elementary
	W. H. Ford Elementary
	Grant Road Elementary
	Dr. Hanna Elementary
	W. C. Howe Elementary
	Wilfred Hunt Elementary
	Henry Janzen Elementary
	Kitchener Elementary
	George Lee Elementary
	McLurg Elementary
	McNabb Elementary
	Marion McVeety Elementary
	Ethel Milliken Elementary
	Ruth Pawson Elementary
	Dr. A. E. Perry Elementary
	Al Picard School
	Regent Park Elementary
	Rosemont Elementary
	St. Anne Elementary
	St. Augustine Separate Elementary
	St. Bernadette Separate Elementary
	St. Dominic Savio Elementary
	St. Francis Separate Elementary
	St. Gregory Separate Elementary
	St. James Separate Elementary
	St. Jerome Separate Elementary
	St. Joan of Arc Separate Elementary
	St. John Separate Elementary
	St. Josaphat Separate Elementary
	St. Leo Separate Elementary
	St. Luke Separate Elementary
	St. Mary Separate Elementary
	St. Matthew's Separate Elementary
	St. Patrick Separate Elementary
	St. Peter Separate Elementary
	St. Philip Separate Elementary
	St. Pius X Separate Elementary
	St. Timothy Separate Elementary
	Sherwood Elementary
	Transcona Elementary
	Walker Elementary
	Wilfrid Walker Elementary
	Wascana Elementary
	Wascana Institute
	Maranatha Christian Centre
	Campbell Collegiate
	Robert Usher Collegiate
	Wascana Hospital
Rockglen	Rockglen Elementary
Rouleau	Rouleau Elementary
Sedley	Sedley Elementary
Semans	Semans Elementary
Sintaluta	Sintaluta Elementary
Southey	Southey School
Spring Valley	Artesian School
Strasbourg	Strasbourg Elementary
Vibank	Vibank Elementary
Weyburn	Elgin Elementary
	Haig Elementary
	Queen Elizabeth Elementary
	St. Dominic Savio Elementary
	Souris School
	Weyburn Jr. High
White City	White City School
Wilcox	Notre Dame School
Willow Bunch	Willow Bunch Elementary
Windthorst	Windthorst School
Wolseley	Dr. Isman Elementary
Wood Mountain	Wood Mountain School
Yellow Grass	Yellow Grass Elementary

Total Clinics for 1983-84 153

Saskatoon Dental Region

Location	School
Aberdeen	Aberdeen Elementary
Allan	Allan School
Annaheim	Annaheim School
Asquith	Asquith School
Beechy	Beechy School
Bellevue	St. Isidore de Bellevue
Borden	Borden School
Bruno	Bruno School
Carmel	Carmel School
Clavet	Clavet School
Colonsay	Colonsay School
Conquest	Conquest School
Craik	Craik School
Cudworth	Cudworth School
Dalmeny	Dalmeny School
Davidson	Davidson School
Delisle	Delisle Elementary
Domremy	Domremy School
Duck Lake	Beardy's Day School
	Stobart Elementary
Dundurn	Dundurn Elementary
	Hillcrest Hutterite School
Elbow	Elbow Elementary
Englefeld	Englefeld School
Guernsey	J. Eldon Bergey Elementary
Hague	Prince Philip Elementary
Hanley	Hanley School
Hepburn	Hepburn School
Holdfast	Holdfast School
Humboldt	Humboldt Elementary
	St. Augustine Elementary
	St. Dominic Elementary
Imperial	Imperial School
Kenaston	Kenaston School
Laird	Laird Elementary
Lake Lenore	Lake Lenore School
Langham	Langham Elementary
	Langham High
Lanigan	Lanigan Elementary
Leroy	Leroy Medical Health Centre
Lucky Lake	Lucky Lake School
Martensville	Martensville Elementary
	Martensville High School
Middle Lake	Middle Lake School
Muenster	Muenster School
Nokomis	Nokomis School
Osler	R. J. Davidson Elementary
Outlook	Outlook Elementary
Perdue	Perdue School
Pilger	Pilger School
Prud'Homme	Prud'Homme School
Radisson	Radisson School
Rosthern	Rosthern Elementary
Saskatoon	Alvin Buckwold Elementary
	Bishop Klein Elementary
	Bishop Pocock Elementary
	Bishop Roborecki Elementary
	Brevoort Park Elementary
	Buena Vista Elementary
	Cardinal Leger Elementary
	Caroline Robins Elementary
	Caswell Elementary
	Christian Academy Elementary
	College Park Elementary
	Confederation Park Elementary
	Fairhaven Elementary
	Father Vachon Elementary
	French School
	George Vanier Elementary
	Greystone Heights Elementary
	Grosvenor Park Elementary
	Haultain Elementary
	Henry Kelsey Elementary
	Holliston Elementary
	Holy Family Elementary
	Howard Coad Elementary
	Hugh Cairns Elementary
	John Lake Elementary
	King George Elementary
	Lakeview Elementary
	Lawson Heights Elementary
	L'Ecole Canadienne Francaise
	Lester B. Pearson Elementary
	Mayfair Elementary
	McNab Park Elementary
	Montgomery Elementary
	Native Survival School
	North Park Elementary
	Pleasant Hill Elementary
	Prince Philip Elementary
	Princess Alexandra Elementary
	Queen Elizabeth Elementary
	River Heights Elementary
	Roland Michener Elementary
	St. Anne Elementary
	St. Augustine Elementary
	St. Bernard Elementary
	St. Dominic Elementary
	St. Edward Elementary
	St. Frances Elementary
	St. George Elementary
	St. Gerard Elementary
	St. Goretti Elementary
	St. James Elementary
	St. John's Elementary
	St. Mark's Elementary
	St. Mary's Elementary
	St. Matthew Elementary
	St. Michael Elementary
	St. Paul's Elementary
	St. Philip Elementary
	St. Thomas Elementary
	School for the Deaf
	Silverwood Elementary
	Sister O'Brien Elementary
	South Corman Park Elementary
	Sutherland Elementary
	Thornton Elementary
	Victoria Elementary
	Vincent Massey Elementary
	Westmount Elementary

Saskatoon Dental Region (continued)

Location	School
	Wildwood Elementary
	Wilson Elementary
	W. P. Bates Elementary
St. Benedict	St. Benedict School
St. Brieux	St. Brieux School
St. Louis	St. Louis School
Spalding	Spalding School
Strongfield	Strongfield Elementary
Vanscoy	Vanscoy Elementary
Viscount	Viscount Elementary
Vonda	Vonda Elementary
Wakaw	Wakaw School
Waldheim	Waldheim School
Warman	Warman Elementary
	Warman High
Watrous	Watrous Elementary
Watson	Watson Elementary
	Watson High
Young	McClellan School

Total Clinics for 1983-84 140

Yorkton Dental Region

Location	School
Alida	Alida School
Archerwill	Archerwill School
Arcola	Arcola School
Arran	Arran School
Bellegarde	Bellegarde School
Bienfait	Bienfait School
Bredenbury	Bredenbury School
Broadview	M. B. Cope Elementary
Buchanan	Buchanan School
Canora	Canora Junior Elementary
	Canora Senior Elementary
Carnduff	Carnduff Elementary
Carlyle	Carlyle School
Churchbridge	Churchbridge Elementary
Corning	Corning School
Dubuc	Dubuc Elementary
Ebenezer	Ebenezer Elementary
Esterhazy	P. J. Gillian School
	Esterhazy Central
Estevan	Hillcrest Elementary
	Hillside Elementary
	Immaculate Heart Junior High
	Pleasantdale Elementary
	Sacred Heart School
	St. Mary's School
	Scotsburn School
	Westview School
Endeavour	Endeavour Elementary
Foam Lake	Foam Lake Elementary
	Foam Lake Composite High
Frobisher	Frobisher Elementary
Gainsborough	Gainsborough School
Grayson	Grayson School
Grenfell	Grenfell Elementary
Invermay	Invermay Elementary
Ituna	Ituna School
Kamsack	Victoria Elementary
	Kamsack Jr. High
Kelvington	Robert Melrose Elementary
Killaly	Killaly School
Kipling	Kipling School
Lampman	Lampman School
Langenburg	Hoffman Elementary
	Parkside Elementary
Lemberg	Lemberg School
Lintlaw	Lintlaw Okla School
MacNutt	MacNutt School
Macoun	Macoun School
Manor	Manor School
Maryfield	Maryfield School
Margo	Margo School
Melville	Melville Comprehensive
	Miller Elementary
	St. Henry's Elementary
Moosomin	Churchill School
Neudorf	Neudorf Elementary
Norquay	Norquay Elementary
	Norquay High
Oxbow	Mobile Unit
Preeceville	Preeceville School
Quill Lake	Quill Lake Elementary
	Quill Lake High School
Rama	Rama School
Redvers	Redvers School
Rocanville	Rocanville School
Rose Valley	Rose Valley School
Saltcoats	Saltcoats Elementary
Sheho	Sheho School
Springside	Springside Elementary
Stockholm	Stockholm School
Storthoaks	St. Thomas School
Stoughton	Stoughton School
Sturgis	Sturgis Elementary
	Sturgis Composite High
Theodore	Theodore School
Torquay	Torquay School
Wadena	Wadena Elementary
	Wadena Composite High
Wapella	Wapella School
Wawota	Wawota School
Whitewood	Whitewood School
Willowbrook	Willowbrook Elementary
Wishart	Wishart School
Wynyard	Wynyard Elementary
	Wynyard Composite High
Yorkton	Angus Spice Elementary
	Columbia Elementary
	Dr. Brass Elementary
	St. Alphonsus Elementary
	St. Mary's Elementary
	St. Paul's Elementary
	Simpson Elementary

Total Clinics 1983-84 92

Prince Albert Dental Region

Location	School
Albertville	Albertville Elementary
Arborfield	Arborfield School
Big River	T. D. Michel Elementary
Birch Hills	Birch Hills Elementary
Bjorkdale	Bjorkdale School
Canwood	Canwood Elementary
Carragana	Carragana Elementary
Carrot River	Carrot River Elementary
Christopher Lake	Christopher Lake School
Codette	Codette Elementary
Crystal Springs	Dixon Lake School
Davis	Osborne Elementary
Debden	Debden School
Garrick	Garrick Elementary
Gronlid	Gronlid School
Hudson Bay	Blake Beattie Elementary
	Stewart Hawke Elementary
Kinistino	Kinistino Elementary
MacDowall	MacDowell Elementary
Meath Park	Meath Park School
Melfort	Brunswick Elementary
	Burke Elementary
	Melfort and Unit Comprehensive Collegiate
	Reynolds Central Elementary
Mistatim	Mistatim School
Naicam	Naicam School
Nipawin	Alex Wright Elementary
	L. P. Miller Comprehensive School
	Wagner Elementary
Paddockwood	Paddockwood Elementary
Pleasantdale	Pleasantdale School
Porcupine Plain	Porcupine Plain Elementary
Prairie River	Prairie River Elementary
Prince Albert	Boucher Junior High
	W. J. Berezowsky Elementary
	John Diefenbaker Elementary
	King George Elementary
	Queen Mary School
	St. Marks Elementary
	Vickers Elementary
	Wesmor Junior High
Prince Albert Rural	Prince Albert East Central Elementary
	Prince Albert West Central Elementary
	Red Wing Elementary
Ridgedale	Ridgedale School
Shellbrook	Shellbrook Elementary
	Shellbrook Primary
Shell Lake	Shell Lake School
Smeaton	Smeaton School
Spruce Home	Spruce Home Central Elementary
Star City	Star City School
Tisdale	Centennial Junior High
	Tisdale Elementary
Weekes	Weekes School
Weldon	Weldon School
White Fox	White Fox School
Wild Rose	Wild Rose Central Elementary
Yellow Creek	Yellow Creek School
Zenon Park	Zenon Park School
Total Clinics for 1983-84	59

North Battleford Dental Region

Location	School
Alsask	John A. Silver DND School
Battleford	Battleford Central School
	Battleford Junior High
	St. Vital Elementary
Biggar	Nova Wood Elementary
Blaine Lake	Blaine Lake Composite
Cando	Cando School
Cochin	Cochin Elementary
Cut Knife	Cut Knife Elementary
Denzil	Denzil Elementary
Dodsland	Dodsland Elementary
Dorintosh	Dorintosh Elementary
Eatonia	Eaton School
Edam	H. Hardcastle School
Glaslyn	Glaslyn School
Goodsoil	Goodsoil Central School
Hafford	Hafford School
Harris	Harris-Tessier School
Hillmond	Hillmond Central School
Kerrobert	Mary Rodney Elementary
Kindersley	Kindersley School Unit Office
Landis	Landis School
Lashburn	J. H. Moore Elementary
Leask	Leask School
Leoville	Leoville School
Livelong	Livelong Elementary
Lloydminster	E. S. Laird School
Lone Rock	Lone Rock Elementary
	Father Gorman Elementary
	Neville Goss Elementary
	Winston Churchill Elementary
Loon Lake	Ernie Studer School
Luseland	W. S. Patterson Elementary
Macklin	Macklin Elementary

North Battleford Dental Region (continued)

Location	School
Maidstone	Ratushniak Elementary
Makwa	Makwa School
Marcelin	Marcelin School
Marengo	Westcliffe School
Marsden	Marsden Elementary
Marshall	Marshall Elementary
Mayfair	Mayfair School
Maymont	Maymont Central School
Meadow Lake	Jubilee Elementary
	Lakeview Elementary
Medstead	Medstead School
Milden	Milden Central School
North Battleford	Alexander Junior High School
	Bready Elementary
	Lawrence Elementary
	McKitrick Elementary
	Notre Dame Elementary
Paradise Hill	Paradise Hill Elementary
Paynton	Paynton School
Pierceland	Pierceland School
Plenty	North-West Central High
Rabbit Lake	Rabbit Lake Elementary
Rosetown	Rosetown Division III
	Walter Aseltine Elementary
St. Walburg	St. Walburg Public High
Sonningdale	Sonningdale School
Spiritwood	Hartley Clark Elementary
Tramping Lake	Tramping Lake School
Turtleford	Turtleford School
Unity	St. Peter's Elementary
	Unity Elementary
Wilkie	Norman Carter Elementary
	St. George Separate School

Total Clinics for 1983-84 66

Total Number of Clinics — All Regions 549

Appendix 2

Supplementary Health Benefits

Dental Program

The cost of services provided by private dental practitioners to persons covered by the Supplementary Health Benefits program for social assistance recipients is administered by the Dental Plan.

The following table outlines the costs and types of dental services provided by private practitioners to individuals covered by this program in 1983-1984.

Service	Sept. 1/83-Aug. 31/84 Number of Services	Cost
Dentist Services:		
Examination — standard	8,713	$ 125,760.35
Examination — prosthodontic	243	2,399.55
Periapical x-ray — one film	2,293	22,967.00
Periapical x-ray — two films	1,411	18,892.90
Periapical x-ray — three films	531	9,996.55
Periapical x-ray — four films	491	11,698.80
Periapical x-ray — five or more	310	10,030.05
Occlusal x-ray — one film	40	587.10
Bitewing x-ray — one film	92	929.35
Bitewing x-ray — two films	3,752	51,474.45
Study model	31	542.50
Prophylaxis — child under 5	162	2,839.25
Scaling and polishing — patient 17 or over	5,249	182,343.28
Topical fluoride — child under 5	126	1,106.10
Toothbrush instruction — child under 5	48	561.35
Caries control	389	2,811.90
Fixed unilateral space maintainer	11	818.70
Fixed unilateral space maintainer — Gerber	1	47.85
Amalgam filling — primary one surface	430	6,549.00
Amalgam filling — primary two surface	312	7,472.65
Amalgam filling — primary three or more	96	2,730.90
Amalgam filling — permanent one surface	5,832	106,125.65
Amalgam filling — permanent two surface	5,971	168,417.85
Amalgam filling — permanent three or more	3,602	147,770.05
Restoration of cusps	440	4,076.10
Pins for restorations	685	4,655.85
Additional pins	291	894.40
Silicate fillings — class V	101	1,779.85
Silicate fillings — class III	65	1,244.75
Silicate fillings — maximum any one tooth	22	760.95
Composite resin restoration — class V	1,466	28,427.20
Composite resin restoration — class III	2,752	52,719.85
Composite resin restoration — class IV	1,123	41,768.70
Composite resin restoration — double class IV	382	21,621.35
Acrylic crowns	191	37,548.75
Stainless steel crowns — primary tooth	166	6,164.00
Stainless steel crowns — permanent tooth	97	4,107.25
Recement crown	53	1,045.25
Preformed metal post and core	145	5,437.50
Pulpotomy — permanent anterior	23	965.10
Pulpotomy — permanent posterior	106	3,822.25
Pulpotomy — primary	162	3,783.90
Root canal	392	65,972.14
Trephination	67	648.85
Repositioning of traumatically displaced teeth	4	226.45

Appendix 2 (continued)

Service	Sept. 1/83-Aug. 31/84 Number of Services	Cost
Dentist Services: (continued)		
Desensitization	61	1,041.65
Periodontal surgery	45	3,119.63
Occlusal adjustment	36	823.15
Complete upper denture	866	139,675.20
Complete lower denture	498	80,691.90
Partial denture without clasps	62	6,456.05
Partial upper with clasps	108	10,923.70
Partial lower with clasps	62	6,289.75
Cast partial — upper	271	41,657.43
Cast partial — lower	209	32,382.90
Repair upper denture — no impression	198	5,269.10
Repair lower denture — no impression	61	1,681.30
Repair upper denture — with impression	200	9,166.20
Repair lower denture — with impression	73	3,354.20
Add tooth to denture	402	3,129.15
Reline, self-curing — upper	44	2,429.40
Reline, self-curing — lower	36	1,986.95
Reline, processed — upper	284	16,546.25
Reline, processed — lower	216	12,565.80
Rebase — upper	17	984.90
Rebase — lower	7	406.50
Denture adjustment	31	412.30
Tissue conditioning	92	1,147.23
Bridge repair — replace facing	6	215.60
Bridge repair — recement facing	2	29.80
Recement bridge	21	409.35
Tooth extraction	7,164	150,039.47
Each additional extraction	7,108	74,748.30
Oral surgery	465	23,837.91
Minor orthodontia	44	463.20
Recement fixed appliance	2	41.00
Removable acrylic appliance	23	2,215.95
Fixed appliance	1	116.90
Emergency palliative care	592	8,612.65
Non-specialist hourly fee	49	1,368.75
Hospital visit	228	4,926.80
Additional hospital visit	23	274.45
Emergency call back	71	1,466.00
Specialist Dental Services:		
Initial examination — oral surgery	253	6,025.55
Panoramic radiograph	104	2,633.80
Removal of tooth — uncomplicated	230	6,376.00
Removal of tooth — uncomplicated, each additional	711	13,135.60
Complicated surgery involving flap	44	2,304.40
Soft tissue impaction	42	2,750.40
Unerupted impaction	93	7,827.85
Unerupted impaction — unusual position	78	8,721.70
Root removal — soft tissue coverage	14	772.60
Hospital visits	18	407.90
Specialist hourly fee	134	10,468.35
Major orthodontia — initial examination	224	3,888.00
Major orthodontia — analysis and consultation	115	11,875.65
Major orthodontia — initial fee	78	26,275.02
Major orthodontia — monthly maintenance	1,298	78,229.35
Major orthodontia — retainer fee	35	4,909.05
Major orthodontia — retainer check visits	48	790.89
Major orthodontia — final models	4	129.70

Appendix 2 (continued)

Service	Sept. 1/83-Aug. 31/84 Number of Services	Cost
Denturist Services:		
Complete upper denture	401	86,970.00
Complete lower denture	280	60,796.00
Partial denture without clasps	4	336.30
Partial acrylic denture — one to two teeth	4	674.85
Partial acrylic denture — three to five teeth	5	897.80
Partial acrylic denture — six or more teeth	15	2,880.60
Extra clasps	14	153.65
Partial cast denture — one to two teeth	5	1,016.60
Partial cast denture — three to five teeth	22	5,178.55
Partial cast denture — six or more teeth	46	12,044.50
Repair denture — no impression	97	2,018.35
Repair denture — with impression	99	3,508.15
Add tooth to denture	94	595.70
Reline denture — self-curing — upper	6	244.50
Reline denture — self-curing — lower	7	203.75
Reline denture — processed — upper	81	5,358.30
Reline denture — processed — lower	63	4,062.50
Rebase — upper	13	1,128.95
Rebase — lower	14	1,137.85
Denture identification	624	4,100.75
Dental Laboratory Services:		
Complete upper or lower denture	1,018	98,143.13
Immediate denture	347	36,774.80
Partial acrylic denture — 1 to 2 teeth	51	3,112.80
Partial acrylic denture — 3 to 5 teeth	91	6,749.10
Partial acrylic denture — 6 or more teeth	86	7,655.20
Extra clasp — single	8	70.80
Extra clasp — double	4	43.65
Extra clasp — double with rest	9	129.55
Upper partial cast denture — 1 to 2 teeth	35	4,446.75
Upper partial cast denture — 3 to 5 teeth	113	15,374.00
Upper partial cast denture — 6 or more teeth	108	15,412.51
Lower partial cast denture — 1 to 2 teeth	3	369.55
Lower partial cast denture — 3 to 5 teeth	90	11,797.85
Lower partial cast denture — 6 or more teeth	115	15,868.27
Duplicate model requiring impression	204	1,271.50
Model	2,208	8,259.78
Tray	812	8,140.15
Biteblock	1,184	9,032.70
Denture identification	1,377	8,981.93
Processed reline of denture	496	19,457.70
Rebase	28	1,288.15
Other Miscellaneous Services:		
Other services	167	3,133.74
Total All Services and Costs	82,518	$2,479,793.41
Number Seen One or More Times	12,407	